

## METHOD AND APPARATUS FOR ULTRAFILTRATION UTILIZING A PERIPHERAL ACCESS DUAL LUMEN VENOUS CANNULA

### ABSTRACT OF THE DISCLOSURE

Method and apparatus for the extracorporeal treatment of blood by utilizing a peripherally inserted dual lumen catheter assembly for the continuous removal and return of blood for renal replacement treatment, in particularly, treatment of congestive heart failure and fluid overload by ultrafiltration. A catheter is inserted in a peripheral vein and maneuvered upward through the vascular system to access the reservoir of blood in the large or great veins for continuous blood withdrawal and treatment. Air-tight connectors are incorporated in the catheter assembly to overcome the untoward effects of negative pressure in blood withdrawal.